

STATE OF ARIZONA

DIVISION OF EMERGENCY MANAGEMENT



RECOVERY SECTION

STANDARD OPERATING PROCEDURES

PUBLIC ASSISTANCE PROGRAM

SECTION 8 PROJECT WORKSHEETS



STATE OF ARIZONA DIVISION OF EMERGENCY MANAGEMENT PUBLIC ASSISTANCE PROGRAM



STANDARD OPERATING PROCEDURES

PROJECT WORKSHEETS

I. OVERVIEW

The **Project Worksheet (PW)** is the most important tool used in the recovery process. Project Worksheets are developed for each damage location and are jointly prepared by the Applicant and the ADEM Public Assistance Coordinator. The PW is used to record the following information:

- Identifying the damaged facility:
 - Name of the facility
 - Location physical address, mile marker, crossroads or intersection
 - o Latitude/Longitude
 - o Map
- Define Category of Work
- Pre-disaster description of the facility and its condition;
- Damage description and dimensions which details the impact to the facility as a result of the event;
- The scope of eligible work for the project, including dimensions and a detailed description of the proposed repair;
- Special considerations associated with the project, such as insurance and hazard mitigation;
- Estimated or actual costs necessary to complete the work.

II. CATEGORIES OF WORK

Each project is divided into one of seven Categories of Work.

Category A – Debris Removal

Category B – Emergency Protective Measures

Category C - Roads and Bridges

Category D – Water Control Facilities

Category E - Buildings and Equipment

Category F – Utilities

Category G – Parks, Recreational Facilities and Other Items

III. DAMAGE DESCRIPTION & DIMENSIONS

The **Damage Description** paints the picture by describing the cause of the damage sustained to the facility in quantitative terms and physical dimensions, such as length, width, depth and capacity.

IV. SCOPE OF WORK

The **Scope of Work** should not be stated as "restore to pre-disaster condition". The scope of work mirrors the damage description and needs to be specified as an action with quantifiable and descriptive terms.

"Rule of Thumb" – if it isn't damaged in the damage description it cannot be repaired in the scope of work.

The scope of work is the heart of the project worksheet. It is important that it be concise yet comprehensive enough to fully support and explain the work that will be done in order to restore the facility to its pre-disaster condition. The Scope of Work is developed by the applicant in coordination with the State PAC and must comply with all Federal regulations and policies. There is a review process that each project is subject to prior to the project being approved and funds obligated.

V. SPECIAL CONSIDERATIONS

Special Considerations are issues other than program eligibility that could affect the Scope of Work and funding. These issues include floodplain management, insurance, hazard mitigation measures and compliance with other Federal laws and regulations, such as those pertaining to protection of the environment and historic preservation.

Please refer to Section 10 – Special Considerations for detailed information.

VI. COST ESTIMATES FOR PROJECT WORKSHEETS

Projects are reimbursed based on actual eligible costs expended and documented. When preparing project worksheets, if the project is 100% complete, the cost estimate will reflect actual costs incurred. If the work has not been completed, a cost estimate must be used. Three primary methods for determining costs are time and materials, unit cost and contracts.

Time and Materials is a method used to summarize force account labor, equipment and materials.

The **Unit Cost** method is typically based on data from similar state or local projects recently completed or utilizing FEMA cost codes or other commercial estimating sources such as RS Means.

Contract pricing can be used to estimate the cost of work from an outside source for labor, equipment and material.

Following a Federal Declaration FEMA divides projects into two cost categories, large and small projects. The distinguishing factor, between large and small projects, is based on a cost threshold that changes annually. The threshold is updated at the beginning of each fiscal year and published in the Federal Register. For the year ending September 30, 2007, the threshold is \$59,600. (The State does not distinguish between small or large projects for a "state only" declaration of emergency. The State will distinguish between small and large projects following a federally declared disaster; however the state can only reimburse based on actual eligible documented costs.)

Small Projects are funded using an initial estimate of costs as described below:

- An estimate is prepared by the applicant or the PAC. FEMA approves funding using the estimate and obligates the Federal share of the funds to the state;
- The State provides funds to the Applicant as soon as possible after FEMA obligates the funds;
- The funding level for small projects if fixed, regardless of the final cost incurred by the Applicant (See Cost Overrun for exceptions);
- The State may decide to review some, if not all, of an Applicant's small projects.

The federal cost share for Small Projects can be distributed to the applicant as soon as the Project Worksheet is approved and funds obligated (as per 44CFR§206.205) rather than after the Applicant demonstrates documentation of costs.

Large Projects are funded using a final accounting of actual costs as described below:

- A Project Worksheet is prepared by the Applicant in coordination with the State PAC. FEMA approves funding using the estimate and obligates the Federal share of the funds to the State;
- As the project proceeds, the Applicant periodically requests funds from the State to meet expenses that have been incurred or that are expected in the near future. It may take time to process a request for funds through the State system and the Applicant should take this into account when timing requests for funds;
- When a project is complete, the State determines the final cost of accomplishing the eligible work after performing inspections or

 After reviewing the completed project the State will consider adjusting the amount of the grant to reflect the actual cost of the eligible work.

Cost Codes are used for the unit cost method of estimating. In this method each work component is priced separately, is generally used for work that an Applicant has not yet completed. FEMA maintains a national unit price listing called Cost Codes that is updated and revised to conform to geographical and disaster-specific needs. Typically, unit prices are based on in-place costs. This means that the price includes materials, labor, equipment, insurance, overhead and profit as appropriate. For example, a \$14 per linear foot unit price to replace concrete curb and gutter includes all costs for setting up and breaking down the forms and pouring and finishing the concrete. Alternatively, unit cost data developed by State or local governments or other commercial estimating sources may be used, if appropriate.

Cost Estimating Format (CEF) is a cost estimating methodology used by FEMA to better estimate the total cost of large projects. The CEF is a forward-pricing model that allows FEMA to account for all possible costs associated with a construction project. FEMA uses experienced cost estimators and construction engineers to apply the CEF.

This methodology relies on the development of a clear definition of the Scope of Work that is eligible for public assistance. CEF is applied in eight parts listed below:

- Part A represents the base cost of completing the project including labor, materials and equipment.
- Part B includes construction costs not typically itemized in Part A, such as the general contractor's supervision costs.
- Part C Reflects construction cost contingencies and is designed to address budgetary risks associated with project complexity.
- Part D accounts for the contractor's overhead, insurance, bonds and profit.
- Part E accounts for cost escalation over the life of the project.
- Part F includes fees for special reviews, plan checks, and permits.
- Part G is the applicant's reserve for change orders and unforeseen conditions
- Part H accounts for the applicant's cost to manage the design and construction of the project.

For a large or complex project, it may be necessary for the Applicant to prepare a detailed design of the restoration work before a viable cost estimate can be developed. In such cases, a grant for engineering and design services is approved first. Once the

design is complete, a cost estimate for the work is prepared or actual bids for the work may be used as the basis for the grant. Costs for managing a project may also be included if the project is sufficiently large or complex.

IX. TIME LIMITS

Damage Identification

Identification of all locations damaged as a result of the declared event must be provided to the Public Assistance Coordinator within 60 days of the Kickoff Meeting.

Emergency Work (Categories A&B)

Emergency work must be completed within 6 months of the declaration. (Federal time limits as per 44CFR§206.204(c). Following a State (only) declaration, time limits will be determined based on the event.)

Permanent Work (Categories C-G)

Permanent work must be completed within 18 months of the declaration. (Federal time limits as per 44CFR§206.204(c). Following a State (only) declaration, time limits will be determined based on the event.)

<u>Time Extension Requests</u>

There are instances when these time limits are too restrictive, based on extenuating circumstances or unusual project requirements beyond the control of the applicant. In those instances a request for additional time can be made. Those requests are to be submitted on a project by project basis and should include a detailed justification for the delay and a projected completion date for the project.

The State's authority to grant time extensions in a federally declared disaster is limited to an additional 6 months for emergency work and an additional 30 months for permanent work. Any requests for additional time beyond the State's authority must be submitted through the State to FEMA for decision.



STATE OF ARIZONA DIVISION OF EMERGENCY MANAGEMENT PUBLIC ASSISTANCE PROGRAM



STANDARD OPERATING PROCEDURES

PROJECT WORKSHEET "PACKAGE"

I. PURPOSE OF THE PROJECT WORKSHEET "PACKAGE"

Bundling your project into 1 package is an effective way to route your applicant's project through the approval process. After the project worksheet package is completed, make a paper copy for the Public Assistance Program Manager to review/approve.

During a federal declaration all project worksheets are entered into FEMA's disaster tracking system (NEMIS/EMMIE). All documents submitted are scanned as attachments to the project. As each project is approved by the Public Assistance Program Manger a paper copy of the package and an electronic copy of the package will be sent to FEMA for entry into NEMIS/EMMIE. These documents will flow thru the Recovery Coordinator (identified by PAO/DPAO), who will log each project and forward the package(s) to FEMA for entry into NEMIS/EMMIE.

A. PROJECT WORKSHEET FORM

The **Project Worksheet (PW)** is the most important tool used in the recovery process. It is prepared by the Applicant and the PAC to document damages. It is used to record the following information:

- Pre-disaster description of the facility and its condition;
- The scope of eligible work for the project including the cause of damage, dimensions of damage, a detailed description of the proposed repair;
- Estimated or actual costs necessary to complete the work;
- Special considerations associated with the project such as insurance and hazard mitigation.

B. HAZARD MITIGATION PROPOSAL (HMP) FORM

(See 406 Mitigation Section for details)

This request for mitigation is designed to identify <u>additional</u> cost effective measures that would reduce or eliminate the treat of future damage to a facility. This form describes the Mitigation Scope of Work and the <u>additional</u> costs for the proposed mitigation that would be applied to the damaged facility. To be eligible for this funding, the mitigation proposed must apply only to the damaged elements of the facility rather than other undamaged parts of the facility.

C. SPECIAL CONSIDERATIONS QUESTIONS FORM

(See Special Consideration Section for details)

FEMA has developed the Special Considerations Questions form to aid in the identification of Special Considerations issues for each project. This form must be completed for every PW.

The Project Officer and the PAC are responsible for completing this form in a manner that informs the Specialists of the potential issues. The form is intended for issue identification only and is not a compliance document. Compliance is documented on the PW in the appropriate NEMIS section.

The form has nine questions that comprehensively address the four basic Special Considerations issues. Following a federal declaration the FEMA Regional Environmental Officer can add additional questions to this form if the disaster presents certain issues that must be captured. For instance, if the disaster has generated a large magnitude of debris, the Environmental Officer may add a question that asks if a debris staging area is proposed. Therefore, on every disaster assignment, ask whether additional questions have been added to this form.

When completing the form provide comments wherever possible to explain a response of "Yes" or "Unsure." In some cases, a "No" response may warrant an explanation. Make sure that the responses correlate to the information provided in the PW Damage Description and the Scope of Work. For instance, if a response indicates that a site is not located in a floodplain, and the PW Damage Description states that the facility was inundated with 6 feet of water from Bayou Creek, you may wish to confirm the response by locating the site on the applicable Flood Insurance Rate Map.

D. SCOPE OF WORK – STANDARD COMMENTS FORM

The purpose of this form is to ensure that the Applicant and the State PAC have discussed those items that are critical but typically generic to all repair projects. This form will be forwarded with the Project Worksheet Package.

E. PHOTO FORM

The purpose of this form is to document a picture of the damage location. Check with the applicant, as they may have "before" and "after" photographs available. If they do have photos be sure they e-mail them to you electronically so you can file them in applicant's computer file folder.

PCA NO: DAMAGE FACILITY: APPLICANT: LOCATION: DAMAGE DESCRIPTION AND DIMENSION	DATE:	W	ORK COMPL : OUNTY:	ETE AS	THER CATEG	ORY(S)
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SCOPE OF WORK						
COMPLETED SPECIAL	CONSIDERATIO	N FORM MUST	Γ RF ΔTT	ACHE I	<u> </u>	
Does the Scope of Work change the pre-disaster countries there insurance coverage on the facility?	_	Yes No				
		d Mitigation proposa	l included?		Yes	No
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JULY 2000

Arizona Division of Emergency Management (ADEM) Project Worksheet Instructions

A Project Worksheet must be completed for each identified damaged project.

After completing a Project Worksheet, submit the worksheets to your Public Assistance

Coordinator.

Identifying Information

PW No.: Indicates the project worksheet number assigned by ADEM. **PCA No.**: Indicates the project cost account number assigned by ADEM. **Date**: Indicate the date the worksheet was prepared. (MM/DD/YY)

Primary Category: Indicate the primary category of the project according to specified work categories. **Other Category:** Indicate any other categories of the project according to specified work categories.

Damage Facility: Identify the facility and describe its basic function.

Work Complete as of: Indicate the date that the work was examined in the format of MM/DD/YY and the percentage of work completed to that date.

Applicant: Name of the political subdivision to which the funds will be awarded.

County: Name of the county where the damage is located.

Location: This item can range anywhere from a "physical address", "intersection of ...", "1 mile south of ... on ..." to "county wide". If damages are in different locations or different counties please list each location.

Latitude & Longitude: Include latitude and longitude of the project location if known.

Damage Description and Dimensions: Describe the disaster-related damage to the facility, including the cause of the damage and the area or components affected.

Scope of Work: List work that has been completed, and work to be completed, which is necessary to repair disaster-related damage. Include items recorded on the preliminary damage assessment.

Does the Scope of Work change the pre-disaster conditions of the site: If the work described under the Scope of Work changes the facilities conditions (i.e. increases/decreases the size or function of the facility or does not replace damaged components in kind with like materials), check ($\sqrt{}$) yes. If the Scope of Work returns the site to its pre-disaster configuration, capacity and dimensions check ($\sqrt{}$) no.

Is there insurance coverage on this facility: State Statute requires that ADEM be notified of any entitlement for proceeds to repair disaster-related damages, from insurance or any other source. Check (\lor) yes if any funding or proceeds can be received for the work within the Scope of Work from any source besides ADEM. Hazard Mitigation: If the pre-disaster conditions at the site can be changed to prevent the disaster-related damage and you would like to submit a Hazard Mitigation Proposal, check (\lor) yes and attach proposal for consideration. If no opportunities for hazard mitigation exist check (\lor) no.

Project Cost

Item: Indicate the item number on the column (i.e. 1, 2, 3, etc.). Use additional forms as necessary to include all items.

Narrative: Indicate the work, material or service that best describes the work (i.e. "force account labor overtime", "42 in. Dia. RCP", sheet rock replacement", etc.).

Quantity / Unit: List the amount of units and the unit of measure (i.e. "48/cy", "32/lf", "6/ea", etc.).

Cost: This item can be developed from cost to date, contracts, bids, applicant's experience in that particular repair work or by using cost codes supplied by FEMA.

Total Cost: Record total cost of the project.

Prepared By: Record the name and title of the person completing the Project Worksheet.

Record Requirements

For all completed work, the applicant must keep the following records:

- Force account labor documentation sheets identifying the employee, hours worked, date and location
- Force account equipment documentation sheets identifying specific equipment, operator, usage by hour/mile and cost used;
- Material documentation sheets identifying the type of material, quantity used and cost;
- Copies of all contracts for work and any lease/rental equipment costs.

For all estimated work, keep calculations, quantity estimates, pricing information, etc. as part of the records to document the "cost/estimate" for which funding is being requested.

ADEM Special Considerations Form Instructions

ARIZONA DIVISION OF EMERGENCY MANAGEMENT SPECIAL CONSIDERATIONS QUESTIONS

APPLICANT NAME	PCA NUMBER	PW#
Applicant Name	Event Number	Unique 6 digit #
PROJECT NAME	LOCATION	assigned to project
Project Name	Physical Location of Project	Date Prepared
•	IUST BE FILLED OUT FOR EACH PROJ	· · · · · · · · · · · · · · · · · · ·
1. Does the damaged facility or item of work	k have insurance and/or is it an insurable risk? (e.g., buil	dings, equipment, vehicles, etc.)
☐ Yes ☐ No ☐ Unsure Con	ments If checked yes – be sure to obtain	copy of policy and any
information pertaining to insura	SELV-CUARS	
2. Is the damaged facility located within a fl	oodplain or coastal high hazard area, or does it have an i	mpact on a floodplain or wetland?
Full Hard Control of the Control of	ments Check yes if facility is in a 100 or 5	
	P to map the floodplain location in order t	o answer this question
correctly.		
	tion change the pre-disaster condition? (e.g., footprint, mate If checked yes – this usually mea	
	iments	
proposing mitigation or currer	t codes and standards will modify the rep	pair to pre-disaster condition
5. Is the damaged facility on the National ReAre there more, similar buildings near the	If checked yes – provide brief descriptions on documental complete of Historic Places or the state historic listing? Is site? Include completed Historic Review Assessment Forments If checked yes – provide brief expenses.	ng the mitigation request. it older than 50 years? orm.
Yes No Unsure Com	s on, or near, the project site? Are there large tracts of f Are streams/lakes/endangered sp r unsure, provide brief explanation.	
7. Are there any hazardous materials at or ac	ljacent to the damaged facility and/or item of work?	
☐ Yes ☐ No ☐ Unsure Com	Are there any drums, oil tanks, pr	opane cylinders, dumpsite
Lead, asbestos, PCB's near pro	oject location? If yes or unsure, provide	brief explanation.
8. Are there any other environmentally or co	ontroversial issues associated with the damaged facility a If the project impacts air quality, or	
- 14 1, CA TO TO TO	ments	<u> </u>
daycare centers, nursing home	s, hospitals, etc. ? If yes or unsure, prov	ide brief explanation.
COMPLETED BY:		DATE
Applicant Point of Contact who	provided information	Date Prepared
ADEM REVIEWED BY:	,	DATE
AZ PAC		Date Prepared

JULY 2000 FORM # AZ PA 204-6

Scope of Work – Standard Comments (Check all that apply)

 Codes and Standards: "The scope of work for this project includes the upgrades that are necessary
to meet specific requirements of the current codes and standards adopted by the applicant prior to the disaster. The AZ PAC has verified that the cost for the upgrade to meet code or standard meets the criteria outlined in the FEMA Public Assistance Program."
 Contract: "The AZ PAC has reviewed the applicant's contract records and verified that they are of reasonable cost, were competitively bid and comply with Federal, State and local procurement standards. Contract records are on file and available at the applicant's office."
 Equipment Costs (Force Account): "The AZ PAC has reviewed the applicant's equipment cost records and has verified that the rates for individual pieces of equipment are reasonable and eligible under the FEMA Public Assistance Program. This applicant used equipment rates that are equal to or less than the FEMA equipment rate. Equipment-cost records are on file at the applicant's office."
 Equipment Costs (Rental): "The AZ PAC has reviewed the applicant's equipment cost records and has verified that the rates for individual pieces of equipment are reasonable and eligible under the FEMA Public Assistance Program. Equipment-cost records are on file at the applicant's office."
 Federal Highways: "The AZ PAC has verified with(ADOT, FHwA or classification maps) that this/these road(s) is/are not part of the Federal Aid Road System."
 Floodplain (Damage/Repair): "The project is located in the floodplain or wetland. The Reconnaissance/Review Report for Floodplain Management is included as part of the PW."
 Floodplain (Debris): "Debris was removed from the 100-year floodplain OR floodway and disposed in (note the specific location)."
 Insurance (1): "The applicant stated that they do not maintain insurance to cover damages to this facility, structure or vehicle."
 Insurance (2): "The applicant stated that damages to this facility, structure or vehicles are not covered under their insurance policy. A copy of the insurance policy is attached to this PW."
 Labor Costs: (Force Account): "The AZ Pac has reviewed the applicant's labor records and verified that labor rates for this type of work are eligible under the FEMA Public Assistance Program. Labor records are on file and available at t he applicant's office."
 Lease Agreement: "According to the applicant, the repair of damages to this facility/structure is the responsibility of the applicant as stated in the lease agreement with the property owner. (Identify if the property owner is a state, federal, local agency or private property owner.) The AZ PAC has reviewed the terms of the agreement and has verified the costs. The agreement is on file at the applicant's office."
 <i>Material Costs:</i> "The AZ PAC has reviewed the applicant's material cost records and has verified that the unit costs for each material type is reasonable and eligible under the FEMA Public Assistance Program. Material-cost records are on file at the applicant's office."
 Mutual Aid Agreement: "Work conducted to accomplish tasks for this project scope was executed through a Mutual Aid Agreement. Costs associated with the work performed are consistent with the agreement. The AZ PAC has reviewed the terms of the agreement and has verified the costs. The Agreement is on file at the applicant's office."

Arizona Division of Emergency Management (ADEM) Standard Comments Additional Information

Codes & Standards: Check this comment if your project involves this upgrade. Note details on PW Scope of Work.

Contract: FEMA generally accepts contracts that follow State procurement standards.

Equipment Costs: Explain to Applicants to use FEMA equipment rates, and to use FEMA Cost Codes for specific equipment.

Equipment Costs (Rental): It may be more practical to purchase equipment for long term projects.

Federal Highways: FEMA is the last source of funding for roads. Verify that the Applicant is not eligible from any other agency noted on form.

Floodplain (Damage/Repair): Check this box if project is in a 100>500 year floodplain. Include FIRM Map and 8-Step report with project worksheet.

Floodplain (Debris): The specific location should be a certified legal location.

Insurance: Obtain copy of policy and any information pertaining to insurance settlement.

Labor Costs (Force Account): Be sure the labor rates do not include any type of a percentage loading for other items such as supplies, etc.

Lease Agreement: if needed obtain a copy of the lease agreement between the owner and the Applicant

Material Costs: Be sure Applicants with warehouse stock do not include warehouse percentage loading on issued items.

Mutual Aid Agreement: An example would be an electric cooperative used another coop to assist in replacing overhead power lines that were destroyed due to an event.

PHOTO FORM INSTRUCTIONS

Photo Page 2 of 5 Disaster FEMA-1660-DR-AZ Applicant- PIMA COUNTY WASTEWATER - damaged wwt monitor wells



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STATE OF ARIZONA

DIVISION OF EMERGENCY MANAGEMENT



RECOVERY SECTION

SECTION 8

ADEM PROJECT WORKSHEET PACKAGE EXAMPLE PW 280003

	ARIZONA DIVISION OF PROJECT WORK	EMERGENCY MANAGEMENT SHEET FORM		PW No. 28	0003
PCA	NO: 28002	DATE: November 6 th , 2007	PRIMARY C	ATEGORY C	OTHER CATEGORY(S)
DAMA	AGE FACILITY: LOW WATER CROSSING	S AND SHOULDER DAMAGE			
	REGG's HIDEOUT ROAD	O AND ON GOLDEN DAME (GE	9-14-07	OMPLETE A	AS OF: 100 %
APPL	ICANT: MOHAVE COUNTY PUBLIC WO	ORKS DEPT.		: MOHAVE	COUNTY
LOCA	ATION: GREGG's HIDEOUT RD. from Pie N 35.78146 w 114	erce Ferry Rd to 10 miles north	LATITUDE	(SEE LOCATIO	LONGITUDE
Durin	AGE DESCRIPTION AND DIMENSIONS: g the summer monsoon storms between ed severe sheet flow across Gregg's Hid	n July 21 st and August 6 th , 2007	heavy rain	fall in Mohav	re County
(11,05	50 If x 24' wide = 265,200 sf). This sheeted 3,075' x 12' x 2' average depth = 2,73	flow also caused damage to th	e road sho	ulders, (7-loc	ations), which
Using disast cross shoul mater a dum	PE OF WORK IS Force Acct. Labor and Equipment, Moh Iter condition. They began on July 25 th a Isings, (11,050 If x 24' wide = 265,200 sf), Ider damage at seven locations for a tota Isinal. They used force account equipment Inp truck for three days to shuttle native took was completed within the existing ro	and finished the repairs on Sept with the use of onsite materials al of (3,075' x 12' x 2' average de nt such as one Grader per day, materials where needed.	ember 13 th . s, (no cost). epth – 2,733	They resto They also cy) using no	red 24 low water repaired o cost native
	COMPLETED SPECIAL C	ONSIDERATION FORM N	JUST BE	ATTACHE	ED .
	the Scope of Work change the pre-disaster cond	S X No Hazard Mitigation pr		led?	Yes X No
Is there	e insurance coverage on the facility? Yes	No Hazard Mitigation pr	roposal includ		
	e insurance coverage on the facility? Yes	S X No Hazard Mitigation pr	roposal includ	led?	Yes X No
Is there	e insurance coverage on the facility? Yes	PROJECT COST QUANTITY/	roposal includ	NIT PRICE	COST
Is there	NARRATIVE LABOR, FORCE ACCOUNT WITH BEN	PROJECT COST QUANTITY/	roposal includ	NIT PRICE \$11,447.38	COST \$11,447.38
Is there	e insurance coverage on the facility? Yes	PROJECT COST QUANTITY FITS 1 / 1 / 1 /	roposal includ	NIT PRICE	COST \$11,447.38 \$10,687.04
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Is there ITEM 1 2 3	NARRATIVE LABOR, FORCE ACCOUNT WITH BENIEQUIPMENT, FORCE ACCOUNT	PROJECT COST QUANTITY FITS ONLY 1 / / / / / / / / / / / /	UNIT U	\$11,447.38 \$10,687.04 \$246.13	\$11,447.38 \$10,687.04 \$246.13
Is there ITEM 1 2 3 PREP (Pleas State Re	NARRATIVE LABOR, FORCE ACCOUNT WITH BENIE EQUIPMENT, FORCE ACCOUNT MATERIAL COST WERE FOR WATER PARED BY: Se Print) DENNIS ERICKSON AND BRY/ Sepresentative Dennis Erickson/Bryan Bryan	PROJECT COST QUANTITY (FITS 1 / CONLY 1 / CONLY 1 / AN BROOKS PAC / ADEM PROJECT COST QUANTITY // AN BROOKS PAC / ADEM PROJECT COST QUANTITY // // AN BROOKS PAC / ADEM PROOKS PAC / ADEM PROJECT COST AN BROOKS PAC / ADEM PROOKS PAC / ADEM PROJECT COST AN BROOKS PAC / ADEM PROJECT COST PROJECT COST AN BROOKS PAC / ADEM PROJECT COST PROJECT COST AN BROOKS PAC / ADEM PROJECT COST PROJECT COST AN BROOKS PAC / ADEM PROJECT COST PROJECT COST AN BROOKS PAC / ADEM PROJECT COST P	TO TO TO TO TO TO THE PROPERTY OF THE PROPERTY	\$11,447.38 \$10,687.04 \$246.13 PTAL COST	\$11,447.38 \$10,687.04 \$246.13
Is there ITEM 1 2 3 PREP (Pleas State Re	NARRATIVE LABOR, FORCE ACCOUNT WITH BENIE EQUIPMENT, FORCE ACCOUNT MATERIAL COST WERE FOR WATER PARED BY: Se Print) DENNIS ERICKSON AND BRY/ Sepresentative Dennis Erickson/Bryan Bryan	PROJECT COST QUANTITY (FITS 1 / CONLY 1 / CONLY 1 / AN BROOKS PAC / ADEM PROJECT COST QUANTITY // AN BROOKS PAC / ADEM PROJECT COST QUANTITY // // AN BROOKS PAC / ADEM PROOKS PAC / ADEM PROJECT COST AN BROOKS PAC / ADEM PROOKS PAC / ADEM PROJECT COST AN BROOKS PAC / ADEM PROJECT COST PROJECT COST AN BROOKS PAC / ADEM PROJECT COST PROJECT COST AN BROOKS PAC / ADEM PROJECT COST PROJECT COST AN BROOKS PAC / ADEM PROJECT COST PROJECT COST AN BROOKS PAC / ADEM PROJECT COST P	UNIT U L/S L/S L/S TC	\$11,447.38 \$10,687.04 \$246.13 PTAL COST	\$11,447.38 \$10,687.04 \$246.13

	19		Labor	Cost - Sto	orm Damage	- 7/25/0	7 - 9/13/0	Labor Cost - Storm Damage - 7/25/07 - 9/13/07 Greggs Hideout Rd	eout Rd
Date	Last Name	First Name	Activity	Std Hrs	Std Cost	Ot Hrs	Ot Cost	Total Cost	Notes
09/13/2007	Kerley	Ronald	Storm Damage	5.50	\$185.30	or .	\$0.00	\$185.30	PU #6126, Misc labor on Storm damage repair on Greggs Hideout.
09/13/2007	HIIH	Keith	Storm Damage	5.50	\$156.58	or .	\$0.00	\$156.58	Blade #1262, Ran Blade on Storm damage on Greggs Hideout.
09/12/2007	Ī	Keith	Storm Damage	8.00	\$227.76	UT.	\$0.00	\$227.76	Blade #1262, Blade on Storm damage on Greggs Hideout.
09/12/2007	Burk	Mitchell	Storm Damage	8.00	\$248.56	VT	\$0.00	\$248.56	PU #6126, Loader #3198, Water truck #8245, Back fill wash outs, Misc labor on Greggs Hideout.
09/12/2007	Kerley	Ronald	Storm Damage	8.00	\$269.52	UT III	\$0.00	\$269.52	Misc labor on Storm damage Repair on Greggs Hideout.
09/11/2007	Millermon	Monty	Storm Damage	8.00	\$174.24	or .	\$0.00	\$174.24	Loader #3198, Back fill low water crossing for storm repair on Greggs Hideout.
09/11/2007	Kerley	Ronald	Storm Damage	8.00	\$269.52		\$0.00	\$269.52	Misc labor on Storm damage repair on Greggs Hideout.
09/11/2007	Burk	Mitchell	Storm Damage	8.00	\$248.56		\$0.00	\$248.56	PU #6126, Misc labor on storm damage on Greggs Hideout repair.
09/11/2007	Barger	John	Storm Damage	8.00	\$194.80		\$0.00	\$194.80	Water truck #8245, water & traffic control for Storm Damage repair on Greggs Hideout.
09/11/2007	Ī	Keith	Storm Damage	8.00	\$227.76		\$0.00	\$227.76	Blade #1262, Ran Blade & Misc Labor on Storm damage on Greggs Hideout.
09/10/2007	Millermon	Monty	Storm Damage	8.00	\$174.24		\$0.00	\$174.24	Loader #3198, Back fill low water crossing on Storm damage repair on Greggs Hideout.
09/10/2007	ШН	Keith	Storm Damage	8.00	\$227.76		\$0.00	\$227.76	Blade #1262, Ran blade on Storm Damage on Greggs Hideout.
09/10/2007	Burk	Mitchell	Storm Damage	8.00	\$248.56		\$0.00	\$248.56	PU #6126, Work on Storm Damage repair on Greggs Hideout.
09/10/2007	Kerley	Ronald	Storm Damage	8.00	\$269.52		\$0.00	\$269.52	Misc labor on Storm Damage repair in Greggs Hideout Rd.
09/10/2007	Barger	John	Storm Damage	8.00	\$194.80		\$0.00	\$194.80	Water truck #8245, water for storm damage on Greggs Hideout.
09/07/2007	Millermon	Monty	Storm Damage	8.00	\$174.24		\$0.00	\$174.24	Loader #3198, Back fill low water crossings from Storm Damage, Misc labor on Greggs Hideout.
09/07/2007	Cochran	James	Storm Damage	8.00	\$189.36		\$0.00	\$189.36	PU #6118, Misc labor & traffic from Storm Damage on Greggs Hideout.
09/07/2007	III II	Keith	Storm Damage	8.00	\$227.76	•	\$0.00	\$227.76	Blade #1262, Blade on Storm Damage on Greggs Hideout.
09/02/2002	Barger	John	Storm Damage	8.00	\$194.80		\$0.00	\$194.80	Water truck #8245, ran water truck for dust control on Storm damage on Greggs Hideout.
09/06/2007	Millermon	Monty	Storm Damage	8.00	\$174.24		\$0.00	\$174.24	Loader #3198, Ran loader back fill low water crossing from Storm Damages on Greggs Hideout.

			Labor	Cost - Sto	orm Damage	: - 7/25/0	7 - 9/13/0	Labor Cost - Storm Damage - 7/25/07 - 9/13/07 Greggs Hideout Rd	eout Rd
Date	Last Name	First Name	Activity	Std Hrs	Std Cost	Ot Hrs	Ot Cost	Total Cost	Notes
09/06/2007	III.	Keith	Storm Damage	8.00	\$227.76		\$0.00	\$227.76	PU #5617, Blade #1262, Blade on Storm Damage repair on Greggs Hideout.
09/06/2007	Cochran	James	Storm Damage	8.00	\$189.36		\$0.00	\$189.36	PU #6118, Misc labor & traffic control from Storm Damage on Greggs Hideout.
09/06/2007	Barger	John	Storm Damage	8.00	\$194.80	,	\$0.00	\$194.80	Water truck #8245, Water for Blade on Greggs Hideout.
09/06/2007	Kerley	Ronald	Storm Damage	8.00	\$269.52		\$0.00	\$269.52	Misc labor on Storm Damage repair on Greggs Hideout
09/05/2007	Millermon	Monty	Storm Damage		\$174.24		\$0.00	\$174.24	Loader #3198, Storm damage repair on Greggs Hideout.
09/05/2007	E E	Keith	Storm Damage	8.00	\$227.76		\$0.00	\$227.76	Blade #1262, Blade Storm Damage Repair on Greggs Hideout.
09/05/2007	Cochran	James	Storm Damage	8.00	\$189.36		\$0.00	\$189.36	PU #6129, Misc labor & traffic control for storm repair on Greggs Hideout.
09/05/2007	Barger	John	Storm Damage	8.00	\$194.80	7.7	\$0.00	\$194.80	Water truck #8245, Water for blade doing storm damage repair on Greggs Hideout.
09/05/2007	Kerley	Ronald	Storm Damage	8.00	\$269.52		\$0.00	\$269.52	Misc labor on for storm damage repair on Greggs Hideout.
09/04/2007	Millermon	Monty	Storm Damage	8.00	\$174.24		\$0.00	\$174.24	Traffic control & Misc labor on Greggs Hideout Storm Damage Repair.
09/04/2007	Cochran	James	Storm Damage	8.00	\$189.36		\$0.00	\$189.36	PU #6129, Loader #3198, Back fill & Misc labor on Storm Damage repair on Greggs Hideout.
09/04/2007	Ī	Keith	Storm Damage	4.00	\$113.88		\$0.00	\$113.88	PU #8418, Misc labor on Greggs Hideout Storm Damage.
09/04/2007	Barger	John	Storm Damage	8.00	\$194.80		\$0.00	\$194.80	Traffic control on Greggs Hideout Storm Damage Repair.
09/04/2007	Kerley	Ronald	Storm Damage	8.00	\$269.52	,	\$0.00	\$269.52	Blade #1262, Blade on Storm damage repair on Greggs Hideout repair.
08/31/2007	IIIH	Keith	Storm Damage	8.00	\$227.76		\$0.00	\$227.76	Blade #1262, Blade storm damage repair on Greggs Hideout & Spring.
08/31/2007	Cochran	James	Storm Damage	8.00	\$189.36		\$0.00	\$189.36	PU #6129, End Dump #4638, Haul fill dirt 7 misc labor for storm damage repair on Greggs Hideout.
08/31/2007	Kerley	Ronald	Storm Damage	8.00	\$269.52		\$0.00	\$269.52	PU #8418, Misc labor on Greggs Hideout Storm damage Repair.
08/31/2007	Barger	John	Storm Damage	8.00	\$194.80		\$0.00	\$194.80	water Truck #8245, Water on Storm damage repair on Greggs Hideout.
08/31/2007	Millermon	Monty	Storm Damage	8.00	\$174.24		\$0.00	\$174.24	Loader #3198, Ran loader for Storm damage repair on Greggs Hideout.
08/30/2007	Barger	John	Storm Damage	8.00	\$194.80		\$0.00	\$194.80	Water truck 38245, Water on Storm repair & Labor work traffic control Marking shoulders on Greggs Hideout.

			Labor	Cost - St	orm Damage	7/25/0	7 - 9/13/0	Labor Cost - Storm Damage - 7/25/07 - 9/13/07 Greggs Hideout Rd	eout Rd
Date	Last Name	First Name	Activity	Std Hrs	Std Cost	Ot Hrs	Ot Cost	Total Cost	Notes
08/30/2007	Millermon	Monty	Storm Damage	8.00	\$174.24		\$0.00	\$174.24	Loader #3198, ran loader on storm damage repair on Greggs Hideout.
08/30/2007	Kerley	Ronald	Storm Damage	8.00	\$269.52		\$0.00	\$269.52	PU #8418, Misc labor on Storm repair on Greggs Hideout.
08/30/2007	Cochran	James	Storm Damage	8.00	\$189.36		\$0.00	\$189.36	PU #6129, end Dump #4638, Haul Fill 7 Misc labor on Storm repair on Greggs Hideout.
08/30/2007	III.	Keith	Storm Damage	8.00	\$227.76	55000	\$0.00	\$227.76	Blade #1262, Blade on Storm damage on Greggs Hideout.
08/29/2007	Kerley	Ronald	Storm Damage	7.50	\$252.68		\$0.00	\$252.68	PU #6129, Labor on Greggs Hideout for Storm Repair.
08/29/2007		Keith	Storm Damage	8.00	\$227.76		\$0.00	\$227.76	Blade #1262, PU #6118, Blade on Storm damage on Greggs Hideout.
08/29/2007	Millermon	Monty	Storm Damage	5.00	\$108.90		\$0.00	\$108.90	Loader #3198, Ran loader on Storm Damage repair on Greggs Hideout.
08/29/2007	Cochran	James	Storm Damage	8.00	\$189.36		\$0.00	\$189.36	End Dump #4638, Misc labor on Storm Damage Repair Greggs Hideout.
08/29/2007	Barger	John	Storm Damage	6.50	\$158.28		\$0.00	\$158.28	Water truck #8245, Ran water truck on wash outs in low water crossing on Greggs Hideout.
08/28/2007	Chapel	Robert	Storm Damage	8.00	\$188.96		\$0.00	\$188.96	PU #2661, blade #3235, Storm damage repairs on Greggs Hideout from Pierce Ferry to 1.4 miles.
08/02/2007	Chapel	Robert	Storm Damage	1.50	\$35.43		\$0.00	\$35.43	Blade #8250, Get blade at Diamond Bar & Open Greggs Hideout from Pierce Ferry to Spring St.
07/30/2007	Eakins	Franklin	Storm Damage/Prd 0.00		\$0.00	1.00	\$36.22	\$36.22	PU #1942, Check storm damage on Greggs Hideout.
07/29/2007		Franklin	Storm Damage				П	\$36.22	Check Storm Damage - Greggs Hide Out
07/28/2007	Chapel	Robert	Storm Damage/Prd 0.00		\$0.00	1.50	\$45.56	\$45.56	PU #2661, Blade #2534, CALL BACK on Storm Damage on Greggs Hideout from Pierce Ferry to Sportsman
07/27/2007	Boyle	Donald	Storm Damage	7.50	\$182.70		\$0.00	\$182.70	Blade #2534, Storm damage repair on Spring St from Hideout. Hideout from Spring St to Park.
07/27/2007	Rubash	Steven	Storm Damage	0.00	\$0.00	1.00	\$24.36	\$24.36	PU #1491, Traffic control for storm damage on Greggs Hideout from Pierce Ferry CALL BACK
07/27/2007	Rubash	Steven	Storm Damage	7.50	\$146.40		\$0.00	\$146.40	End Dump #3199, Loader #2616, Haul pitrun & blend pitrun for Greggs Hideout at Spring.
07/26/2007	Rubash	Steven	Storm Damage	3.00	\$58.56		\$0.00	\$58.56	Check storm damage & Traffic control on Greggs Hideout from Pierce Ferry to Park
07/26/2007	Grinnell	Thomas	Storm Damage	3.00	\$66.06		\$0.00	\$66.06	PU #1491, Storm damage & Traffic control on Greggs Hideout from Pierce Ferry to Park Boundary
07/26/2007	Boyle	Donald	Storm Damage	0.00	\$0.00	0:20	\$15.65	\$15.65	Blade #2534, Storm damage repair on Greggs hideout from Pierce Ferry to Post 21.
07/26/2007	Boyle	Donald	Storm Damage	8.00	\$194.88		\$0.00	\$194.88	Blade #2534, Storm damage repair on Greggs hideout from Pierce Ferry to Post 21.

8			Labor	Labor Cost - Storn	orm Damage	- 7/25/	07 - 9/13/0	n Damage - 7/25/07 - 9/13/07 Greggs Hideout Rd	eout Rd
Date	Last Name	First Name	Activity	Std Hrs	Std Cost	Ot Hrs	Ot Cost	Std Cost Ot Hrs Ot Cost Total Cost	Notes
07/25/2007 Grinnell	Grinnell	Thomas	Thomas Storm Damage	00.0	\$0.00	0.75	\$18.78	\$18.78	Survey road and Traffic Control for Storm Damage Greggs Hideout
07/25/2007 Boyle	Boyle	Donald	Storm Damage	3.00	\$73.08		\$0.00	\$73.08	Blade #2534, Water truck #1675, Greggs Hideout,
07/25/2007 Grinnell	Grinnell	Thomas	Thomas Storm Damage	4.00	\$88.08		\$0.00	\$88.08	PU #1491, check roads & traffic control for blade on
									Storm damage on Greggs Hideout,
07/25/2007 Boyle	Boyle	Donald	Storm Damage	0.00	\$0.00	1.00	1.00 \$31.30 \$31.30	\$31.30	Storm Damage Repair, Greggs Hideout
Total Labor Hrs & Cost	Hrs & Cost			423.50	\$11239.29	6.75	\$208.09	423.50 \$11239.29 6.75 \$208.09 \$11447.38	
Equipment Cost	Cost	0.0000	Amogs.					10687.04	
Material Cost	st							246.13	
Total Cost				0.0000000000000000000000000000000000000				\$22380.55	

		Equipment Cost - Storm	Damage - 7/25/07 - 9			eout Rd	
Date	ID	Description	Activity	Unit Cost	Total Usage	Cost	Notes
07/25/2007	1491	Pickup 1T 4WD 2003 CC	Storm Damage	0.62	47.00		T Grinnell
07/25/2007	2534	Blade	Storm Damage	60.00	2.00	\$120.00	
07/26/2007	1491	Pickup 1T 4WD 2003 CC	Storm Damage	0.62	48.00		T Grinnell
07/26/2007	2534	Blade	Storm Damage	60.00	5.00	\$300.00	
07/27/2007	2616	Loader 4.1 yd BKT	Storm Damage	53.00	1.00		S Rubash
07/27/2007	2534	Blade	Storm Damage	60.00	5.00	\$300.00	
07/27/2007	3199	End Dump 15yd 2007	Storm Damage	43.80	5.00		S Rubash
07/28/2007	2661	Pickup 1T 2WD 2006	Storm Damage	0.42	19.00		R Chapel
07/28/2007	2534	Blade	Storm Damage	60.00	1.00		R Chalpel
07/29/2007	1942	Pickup 1T 4WD 2005	Storm Damage/Prote		59.00		F Eakins
8/2/2007	8250	Blade	Storm Damage	60.00	2.00		R Chapel
08/29/2007	6129	Pickup 1T CC 2008	Storm Damage	1.15	104.20	\$119.83	
08/29/2007	6118	Pickup 1T CC 2008	Storm Damage	1.15	101.00	\$116.15	
08/29/2007	4638	End dump 15yd 1990	Storm Damage	43.80	1.40		J Cochran
08/29/2007	1262	Blade	Storm Damage	60.00	5.00	\$300.00	
08/29/2007	3198	Loader Volvo L110 (4.1 yd)	Storm Damage	53.00	2.00		M Millermon
08/29/2007	8245	Water Truck 4000 G	Storm Damage	53.20	4.10	\$218.12	
08/30/2007	1262	Blade	Storm Damage	60.00	4.00	\$240.00	
08/30/2007	8418	Pickup 3/4T 2000	Storm Damage	0.45	117.00		R Kerley
08/30/2007	8245	Water Truck 4000 G	Storm Damage	53.20	3.70		J Barger
08/30/2007	4638	End dump 15yd 1990	Storm Damage	43.80	4.60		J Cochran
08/30/2007	3198	Loader Volvo L110 (4.1 yd)	Storm Damage	53.00	4.50		M Millermon
08/30/2007	6129	Pickup 1T CC 2008	Storm Damage	1.15	97.00		J Cochran
08/31/2007	8245	Water Truck 4000 G	Storm Damage	53.20	6.20		J Barger
08/31/2007	3198	Loader Volvo L110 (4.1 yd)	Storm Damage	53.00	4.50		M Millermon
08/31/2007	1262	Blade	Storm Damage	60.00	5.00	\$300.00	
08/31/2007	6129	Pickup 1T CC 2008	Storm Damage	1.15	96.00		J Cochran
08/31/2007	8418	Pickup 3/4T 2000	Storm Damage	0.45	116.00		R Kerley
08/31/2007	4638	End dump 15yd 1990	Storm Damage	43.80	4.50		J Cochran
09/04/2007	8418	Pickup 3/4T 2000	Storm Damage	0.45	101.00	\$45.45	
09/04/2007	3198	Loader Volvo L110 (4.1 yd)	Storm Damage	53.00	2.10		J Cochran
09/04/2007	1262	Blade	Storm Damage	60.00	3.10		R Kerley
09/04/2007	6129	Pickup 1T CC 2008	Storm Damage	1.15	166.00		J Cochran
09/05/2007	6129	Pickup 1T CC 2008	Storm Damage	1.15	144.00		J Cochran
09/05/2007	3198	Loader Volvo L110 (4.1 yd)	Storm Damage	53.00	4.50		M Millermon
09/05/2007	8245	Water Truck 4000 G	Storm Damage	53.20	5.70		J Barger
09/05/2007	1262	Blade	Storm Damage	60.00	4.50	\$270.00	100 March 1990
09/06/2007	8245	Water Truck 4000 G	Storm Damage	53.20	5.10		J Barger
09/06/2007	3198	Loader Volvo L110 (4.1 yd)	Storm Damage	53.00	4.50		M Millermon
09/06/2007	1262	Blade	Storm Damage	60.00	4.50	\$270.00	
09/06/2007	6118	Pickup 1T CC 2008	Storm Damage	1.15	114.00		J Cochran
09/07/2007	8245	Water Truck 4000 G	Storm Damage	53.20	5.40		J Barger
09/07/2007	3198	Loader Volvo L110 (4.1 yd)	Storm Damage	53.00	3.50		M Millermon
09/07/2007	1262	Blade	Storm Damage	60.00	5.00	\$300.00	
09/07/2007	6118	Pickup 1T CC 2008	Storm Damage	1.15	141.00		J Cochran
09/10/2007	3198	Loader Volvo L110 (4.1 yd)	Storm Damage	53.00	5.00		M Millermon
09/10/2007	1262	Blade	Storm Damage	60.00	5.00	\$300.00	
09/10/2007	6126	Pickup 1T CC 2008	Storm Damage	1.15	130.00	\$149.50	
09/10/2007	8245	Water Truck 4000 G	Storm Damage	53.20	6.20		J Barger
09/11/2007	6126	Pickup 1T CC 2008	Storm Damage	1.15	219.00	\$251.85	
09/11/2007	8245	Water Truck 4000 G	Storm Damage	53.20	1.30		J Barger M Millermon
09/11/2007	3198	Loader Volvo L110 (4.1 yd)	Storm Damage	53.00	4.50 4.00	\$238.50	
09/11/2007	1262	Blade	Storm Damage	60.00 53.20			
09/12/2007	8245	Water Truck 4000 G	Storm Damage		1.30 2.50	\$132.50	M Burk
09/12/2007	3198	Loader Volvo L110 (4.1 yd)	Storm Damage	53.00	5.00		
09/12/2007	1262	Blade	Storm Damage	60.00	145.00	\$300.00 \$166.75	
09/12/2007	6126	Pickup 1T CC 2008	Storm Damage	1.15	212.00		R Kerley
09/13/2007 09/13/2007	6126 1262	Pickup 1T CC 2008 Blade	Storm Damage Storm Damage	60.00	2.00	\$120.00	
Total Equipn			13001111 Dalilage	100.00	2.00	\$10687.04	
. Jear Equipi						+======	

		Material Cost - Storm Damage - 7/25/07 - 9/13/07 Greggs Hideout Rd	ıage - 7/25/07 - 9/13	3/07 Greggs	Hideout Rd	
Date	Material	Vender Name	Activity	Quantity	Cost	Notes
08/29/2007	Water	Joshua Valley Utility Co	Storm Damage	3.60 gal	\$18.00	\$18.00 J Barger, WT #8245
08/29/2007	Water	City of Kingman 1	Storm Damage	3.60 gal	\$12.13	\$12.13 J Barger, WT #8245
08/30/2007	Water	Joshua Valley Utility Co	Storm Damage	7.20 gal	\$36.00	\$36.00 J Barger, WT #8245
08/31/2007	Water	Joshua Valley Utility Co	Storm Damage	7.20 gal	\$36.00	\$36.00 J Barger, WT #8245
09/02/2007	Water	Joshua Valley Utility Co	Storm Damage	7.20 gal	\$36.00	\$36.00 J Barger, WT #8245
09/06/2007	Water	Joshua Valley Utility Co	Storm Damage	7.20 gal	\$36.00	\$36.00 J Barger, WT #8245
09/02/2002	Water	Joshua Valley Utility Co	Storm Damage	7.20 gal	\$36.00	\$36.00 J Barger, WT #8245
09/10/2007	Water	Joshua Valley Utility Co	Storm Damage	7 20 gal	\$36.00	\$36.00 J Barger, WT #8245
Total Material Cos	al Cost	0. 0.000(0.00 0.00 0.00 0.00			\$246.13	

ARIZONA DIVISION OF EMERGENCY MANAGEMENT SPECIAL CONSIDERATIONS QUESTIONS

APPROX. 45 MI. NORTH OF KINGMAN,AZ Introduction of the damaged facility or item of work have insurance and/or is it an insurable risk? (e.g., buildings, equipment, vehicles, etc.) Yes No Unsure Comments Zomments See attached FEMA FIRM map panel 040058 1450 c The damaged facility located within a floodplain or coastal high hazard area, or does it have an impact on a floodplain or wetland? Yes No Unsure Comments See attached FEMA FIRM map panel 040058 1450 c The proposed facility repairs/reconstruction change the pre-distaster condition? (e.g., footprint, material, location, capacity, use or function Yes No Unsure Comments 4. Does the applicant have a Hazard Mitigation proposal or would the applicant like technical assistance for a hazard mitigation proposal include completed Application for Hazard Mitigation Form. Yes No Unsure Comments 5. Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site? Include completed Historic Review Assessment Form. Yes No Unsure Comments 6. Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland? Yes No Unsure Comments 7. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work? Yes No Unsure Comments 8. Are there any other environmentally or controversial issues associated with the damaged facility and/or item of work? Yes No Unsure Comments COMPLETED BY: Dennis Erickson/Bryan Brooks - ADEM PACS DATE 11/13/07	APPLICANT NAME		PCA NUMBER	PW #
APPROX. 45 MI. NORTH OF KINGMAN,AZ Intraceporal Properties of the	MOHAVE COUNTY - PUBLIC WORKS/ROAD DEPT		28002	280003
FORM MUST BE FILLED OUT FOR EACH PROJECT 1. Does the damaged facility or item of work have insurance and/or is it an insurable risk? (e.g., buildings, equipment, vehicles, etc.) Yes No Unsure Comments 2. Is the damaged facility located within a floodplain or coastal high hazard area, or does it have an impact on a floodplain or wetland? Yes No Unsure Comments	PROJECT NAME	LOCATION		DATE
I. Does the damaged facility or item of work have insurance and/or is it an insurable risk? (e.g., buildings, equipment, vehicles, etc.) Yes ▼ No □ Unsure Comments See attached FEMA FIRM map panel 040058 1450 c Will the proposed facility located within a floodplain or coastal high hazard area, or does it have an impact on a floodplain or wetland? Yes ▼ No □ Unsure Comments See attached FEMA FIRM map panel 040058 1450 c Will the proposed facility repairs/reconstruction change the pre-disaster condition? (e.g., footprint, material, location, capacity, use or function Yes ▼ No □ Unsure Comments 4. Does the applicant have a Hazard Mitigation proposal or would the applicant like technical assistance for a hazard mitigation proposal include completed Application for Hazard Mitigation Form. Yes ▼ No □ Unsure Comments S. Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site? Include completed Historic Review Assessment Form. Yes ▼ No □ Unsure Comments 6. Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland? Yes ▼ No □ Unsure Comments Yes ▼ No □ Unsure Comments 8. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work? Yes ▼ No □ Unsure Comments 8. Are there any other environmentally or controversial issues associated with the damaged facility and/or item of work? Yes ▼ No □ Unsure Comments COMPLETED BY: Dennis Erickson/Bryan Brooks - ADEM PACS		April 1950 1 10 10 10 10 10 10 10 10 10 10 10 10		11/13/07
Yes No Unsure Comments				uipment, vehicles, etc.)
See attached FEMA FIRM map panel 040058 1450 c See attached FEMA FIRM map panel 040058 1450 c See attached FEMA FIRM panel of the cation, capacity, use or function of the cation, capacity, use or function of the cation o				
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Yes ⋈ No Unsure Comments 7. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work? Yes ⋈ No Unsure Comments 8. Are there any other environmentally or controversial issues associated with the damaged facility and/or item of work? Yes ⋈ No Unsure Comments COMPLETED BY: Dennis Erickson/Bryan Brooks - ADEM PACs DATE 11/13/07	Are there more, similar buildings near the site? Include of	completed Historic	Review Assessment Form.	
Yes ⋈ No Unsure Comments 8. Are there any other environmentally or controversial issues associated with the damaged facility and/or item of work? Yes ⋈ No Unsure Comments COMPLETED BY: Dennis Erickson/Bryan Brooks - ADEM PACs DATE 11/13/07				
☐ Yes ☐ No ☐ Unsure Comments ☐ COMPLETED BY: Dennis Erickson/Bryan Brooks - ADEM PACs DATE 11/13/07				
Definition Encountry and brooks "NOEM" Nes	344-0-1450			m of work?
ADEM REVIEWED BY: DATE	COMPLETED BY: Dennis Erickson/Bryan Brooks -	ADEM PACs		DATE 11/13/07
	ADEM REVIEWED BY:			DATE

FORM # AZ PA 204-6

Applicant- MOHAVE COUNTY - PUBLIC WORKS/ROADS -GREGGS HIDEOUT RD Photo Page Disaster PW 280003-AZ

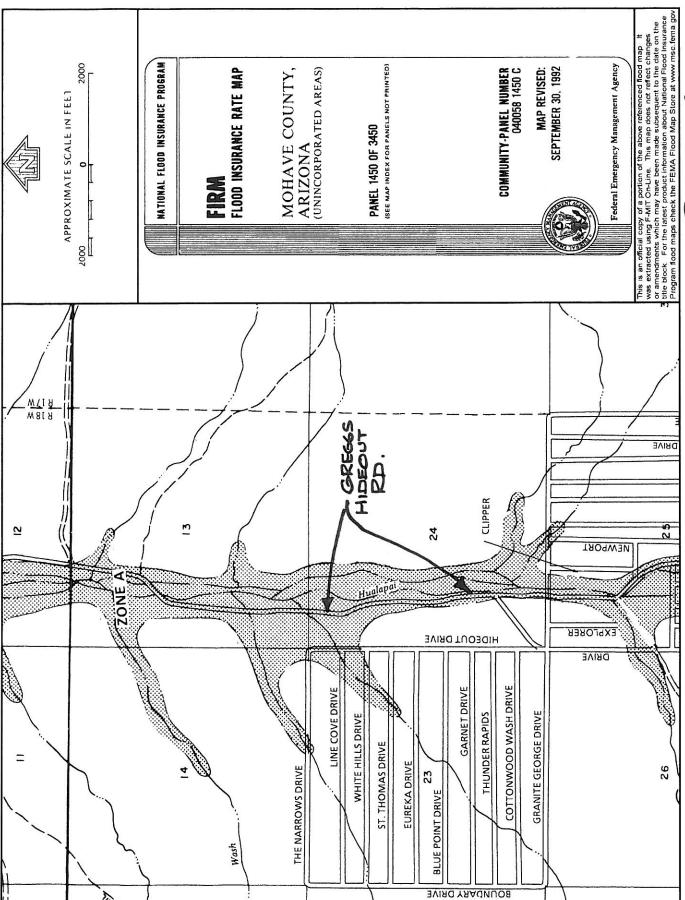


Comment 10-2-07 low water xing

Comment

Comment

DH 10F2



SHT 20F2

	RECO		EDERAL E CE/REVII					Y IN MANAGEME	ENT
			(FOR F	PROJECT	S OVER \$	5,000 O	NLY)		
_	А В	1 C	D	Е	2	6	7	88	
	1 X	1 1		X	0	Х	1	7	1. Facility
	Mohave County 280003 (pca 2		s/Roads De	pt.	CAT	EGORY	c		B <u>uilding</u> /Structure Non-Emergency Debris Disposal
1. Is the project in a	Wetland (Swam	p, marsh, etc.	?	☐ Yes		No			В
Is the project in or panel number 04			FIA/FEMA i FIA/FEMA i				timate.		1 Yes X No
(2)	100-year floodpla 500-year floodpla Floodway Coastal High Haz Check if project is JECT IS NEITHI K "NO" IN BLOO	ain (CRITICAL zard Area s outside flood ER IN NOR AF	ACTION) plain but su	IE FLOOI	evelopment	· R WETLA	ND,		STEP 1 1 2 3 4 5
Total PW estimate	ed cost of restora	ation. (Check	one)						С
(2)	0-49% of replace 50-99% of replace 100% of replacer Not applicable (E	ement cost nent cost	is Disposal)					1 2 3 4
4. Has the project been structurally damaged by flooding before? O0/00/00									Declared Disaster/ Insurance payment?
5. Mark type of land use upstream and downstream. (a) Pasture/Cropland (Sparse development) (b) Forest/Desert (Undeveloped) (c) Urban (Developed) (d) Wetland (Marsh or Sloughs)							2. No 3. Don't know or N/A		
6. Recommendation	(Check one)								
	pe of work or cos lity/structure with isapprove projec	facility st nout mitigation ot)	n						
	For each recomn Proposal showing								
Fed	deral Inspector.	(State) Dennis	Erickson/E	Bryan Bro	oks-ADEN	PACs		Date 11/13/0	07

	NOTE TO REVIEWER: If the project is outside both the floodway and coastal high hazard area, damage and total damages are less than 50% of replacement cost and less than \$25,000, comp Floodplain Number, fill in blocks A, B, C & D enter "x" in block E, 2, 6 and 7 and "2" or "5" in block	lete only Steps	4, 5, & 8.	
7.	Justification for Floodway or Coastal High Hazard Area Location (Block E)			E 1. Functionally dependent use
				Facilities open space use
8.	Initial notice of determination (a) Degree of Public Need (b) No. of Individuals Affected Essential Useful Minimal less than 100 ; 100 to 5000 ; more than 5000	0 🗆		X Neither
	Repair/Replacement HIGH LOW HIGH LOW HIGH (c) Potential for Controversy	MA Action LOW		Cumulative Individual
9.	Are the following alternatives feasible? (Base your decision on the considerations listed below). (a) Engineering (c) Economic Aspects (e) Legal Construction (b) Natural Environment (d) Social Concerns	raints		
	1. Relocated outside the base floodplain 2. Restore facility/structure with mitigation 3. Transfer function to another facility 4. Reduce scope of work 5. Restore facility/structure without mitigation 6. No Action (Disapprove project) 7. Suspend further investigation			STEP 3
10.	. Circle below, the number of each feasible alternative and determine if each alternative will minin adverse impacts or not [indicate a <i>check</i> for <i>Yes</i> or a <i>blank</i> for <i>No</i>]		-	
	1 2 3 4 5 1. Minimize danger to lives 2. Minimize damage to facility 3. Minimize damage elsewhere 4. Reduce support of floodplain wetland development 5. Restore floodplain values 6. Maintain or improve economic resources 7. Maintain or improve social resources			STEPS 4 & 5
11.	. Re-evaluate the alternatives. Insert the number of the chosen alternative from STEP 3 in the bo enter "X" here and indicate suspension in step 8 with a "7".	ox. If none,		X
12.	Final notice determination First check if any of the following apply: Critical action PW greater than \$100,000 Repair is a substantial improvement Previously damaged in declared flooding disaster Located in Floodway or Coastal High Hazard Area An individual first notice was issued Past flood insurance payments			STEP 7 1. None of the criteria apply (no final notice necessary) 2. Cumulative Final Notice 3. Individual Final Notice 4. Federal EIS is Required
13.	. Reviewer's Recommendation (Circle recommended alternative)			STEP 8 1 2 3 4 5 6 7 8
FE	MA Reviewer Dennis Erickson/Bryan Brooks - ADEM PACs Da	te 11/13/07		

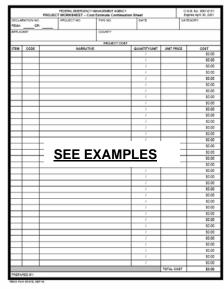
FEMA PROJECT WORKSHEET PACKAGE (OVERVIEW) – SEE EXAMPLES

		WORKSHEET	4		M.B. No. 3067-0151 pires April 30, 2001
	PROJECT	HONNONEEL			
Public reporting burden for th			CLOSURE NOTICE		
instructions, searching existing	ig data sources, gather	ing and maintaining t	he needed data, and comple	tion and subm	sitting the forms.
You are not required to seupo corner of the forms. Send co-	ad to this collection of	f information unless a	valid OMB control number	is displayed	in the upper right
					DC 20472,
Paperwork Reduction Project					
DECLARATION NO.	PROJECT NO.	FIPS NO.	DATE	CAT	EGORY
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DAMAGED FACILITY			WORK COMPLETE	AS OF:	
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Does the Scope of Work change	the pre-disaster conditio	us at the site?	☐ Yes ☐ No		
Special Considerations issues in			Hazzed Mitigation proposal in	cloded?	Yes 🗌 No
In there insurance coverage on the	is facility?	Yes No			
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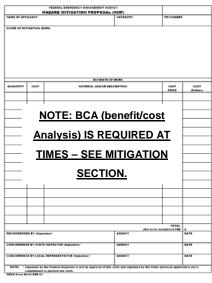
PROJECT WORKSHEET – FEMA FORM 90-91

PROJECT WORK	FEDERAL EMERGEN SHEET - Damage Desc	CYTANNAGEMENT AGENC	y Vork Continuation Sheet	O.M.B. No. 3067-0151 Expires April 30, 2001
ECLARATION NO.	PROJECT NO.	FIPS NO.	CATE	CATEGORY
THE	_			
PRUCANT		COUNTY		
MEMACO DI	SEE	EXAM	<u>MPLES</u>	

DAMAGE/SCOPE CONTINUATION SHEET - FEMA FORM 90-91A



COST ESTIMATE CONTINUATION SHEET – FEMA FORM 90-91B



406 MITIGATION SHEET - FEMA FORM 90-61 (Not Always Needed)

Г				ERAL EMERGENCY MANAGEM			
_			SPE	CIAL CONSIDERATIONS			
ψ.	APPLICANTER	ANE			,	FPS NUMBER	3. DATE
4	PROJECT NAM	4			1.	LOCATION	
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4.	is the damaged	Society on th	e National Register of	Historic Places or the state historic Isla	ng" is it old	er than 50 years? Are	there more, similar buildings
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2.	Art Test any pr	Witter or un	ENTAINED BY 85 OF G ?	near. The project site? Are there large to	acts of fore		
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SPECIAL CONSIDERATIONS SHEET (9 QUESTIONS) FEMA FORM 90-120

	of Work - Standard Comments
scope	(Check all that apply)

Codes and Standards: "The scope of work for this project includes the upgrades that are necessary to meet specific requirements of the current codes and attainants adopted by the applicant prior to the disaster. The AZ PAC has verified that the cost for the upgrade to meet code or standards meets the criteria outlined in the FIBMA Public Assistance Program."

______ Contract: "The AZ PAC has reviewed the applicant's contract records and verified that they are of reasonable cost, were competitively bid and compily with Federal, State and local procurement standards. Contract records are on file and available at the applicant's office."

Equipment Costs (Force Account): "The AZ PAC has reviewed the applicant's equipment cost records and has verified that the states for individual pieces of equipment are reasonable and eighble under the FEMA Police Assistance Program. This applicant used equipment state that are equal to or less than the FEMA equipment rate. Equipment-cost records are on file at the applicants office."

 Equipment Costs (Rental): "The AZ PAC has reviewed the applicant's equipment cost records and has verified that the rates for individual pieces of equipment are reasonable and

SEE INSTRUCTIONS

Floodplate (Damage/Repair): "The project is located in the floodplate or wetland. The Reconnectsance/Review Report for Proodplate Management is included as part of the PW.

—— Floodplain (Debris): "Debris was removed from the 100-year floodplain OR floodway and disposed in (note the specific location.)"

Insurance (1): "The applicant stated that they do not maintain insurance to cover damages to the facility, structure or vehicle."

Insurance (2): "The applicant stated that damages to this facility, structure or vehicle are not

Labor Costs: (Force Account): "The AZ PAC has reviewed the applicant's labor records and verified that labor reces for this type of work are eligible under the FEMA Public Assistance Program. Labor records are on file and available at the applicant's office."

Lease Agreement: 'According to the applicant, the repair of damages to the facility/shucture is the responsibility of the applicant as stated in the lease agreement with the coporty owners. I seek, feeling, local largency or private property owners. The ALP SAC has reviewed the terms of the agreement and has verified the costs. The agreement is on first at the applicant's office."

Material Costs: "The AZ PAC has reviewed the applicant's material cost records and has verified that the unit costs for each material type is reasonable and eligible under the FRM Public assistance Program, Material-cost records are on the at the applicant's office."

Mutual Aid Agreement: "Work conducted to accomplish tasks for this project scope was executed through a Nutual Aid Agreement: Costs associated with the work performed are consistent with the agreement. The AZ PAC has reviewed the terms of the agreement and has verified the costs. The Agreement is on file at the applicant's office."

SCOPE OF WORK-STANDARD COMMENTS – STATE FORM

APPLICANT'S BENE	MANAGEMENT AGENCY EPITS CALCULATION ISHEET	2. PAID
3. DISASTER NUMBER	4. PW#	•
FRINGE BENEFITS (by %)	REGULAR TIME	OVERTIME
HOLIDAYS		
VACATION LEAVE		
SICK LEAVE		
SOCIAL SECURITY		
MEDICARE	CEE A	
UNEMPLOYMENT	SEE A	ווטט
WORKER'S COMP.	SECT	ION
RETIREMENT		
HEALTH BENEFITS		
LIFE INS. DENEFITS		
OTHER		
TOTAL in % of annual salary		
	NT'S ACCOUN	TING
	OULD FILL TH	
	WEEK OF KIC	K OFF
MEETING		
I CERTIFY THAT THE INFORMATION A	BOVE WAS TRANSCRIBED FROM PAYR	OLL RECORDS OR OTHER
DOCUMENTS WHICH ARE AVAILABLE		

APPLICANT'S BENEFIT CALC SHEET – FEMA FORM 90-128

USE\ ADEM FORMS (STATE)

Control Contro	CONT.
Concert	Contract
SEE INST	RUCTIONS W

PROJ.WORKSHEET-PHOTO PAGE – FEMA FORM 90-91D

FEMA PROJECT WORKSHEET - SEE INSTRUCTION SHEET FEDERAL EMERGENCY MANAGEMENT AGENCY PROJECT WORKSHEET PAPERWORK BURDEN DISCLOSURE NOTICE

O.M.B. No. 3067-0151 Expires April 30, 2001 Public reporting burden for this form is estimated to average 30 minutes. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and submitting the forms. You are not required to respond to this collection of information unless a valid OMB control number is displayed in the upper right corner of the forms. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, Paperwork Reduction Project (3067-0151). NOTE: Do not send your completed form to this address. DECLARATION NO. PROJECT NO. CATEGORY (1) (3)(5) FEMA-DAMAGED FACILITY WORK COMPLETE AS OF: (6)**(7)** APPLICANT COUNTY (8)(9)LOCATION LATITUDE LONGITUDE (10)(11b) (11a) DAMAGE DESCRIPTION AND DIMENSIONS (12)SCOPE OF WORK (13)Does the Scope of Work change the pre-disaster conditions at the site? ☐ No ☐ Yes (16)☐ No (15) □ Yes Hazard Mitigation proposal included? No Special Considerations issues included? (17) \(\text{Yes} Is there insurance coverage on this facility? No PROJECT COST ITEM CODE NARRATIVE QUANTITY/UNIT UNIT PRICE COST \$0.00 0.00 (18) (19)(21) (23) (22) 0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00

TITLE:

(25)

(24)

PREPARED BY:

\$0.00

\$0.00

TOTAL COST

FEMA PROJECT WORKSHEET INSTRUCTIONS

- (1) <u>DECLARATION NUMBER</u>
 - a. **STATE DECLARATION NO.** Example PCA 27001, means this is the Project Cost Account number assigned to the first event declared in fiscal year 2007.
 - b. **FEMA DECLARATION NO.** Example FEMA-<u>1660</u>-DR-<u>AZ</u>, means that since inception this is the 1,660th Federal Disaster Declared in all FEMA regions.
- **PROJECT NO.** Initially, a <u>unique</u> 6 digit State Project Worksheet number assigned by ADEM. Blocks of numbers provided by ADEM PA Program Manager to each PAC. FEMA will assign each project a number (starting with #1) as they are entered into NEMIS/EMMIE. During a Federal Declaration, once a project has a FEMA number, the previous ADEM number should not be referred to for the project.
- (3) <u>FIPS NO.</u> A unique Federal Identification Number for each Applicant used in NEMIS to track Applicant's Projects/Costs. Acronym stands for <u>F</u>ederal <u>I</u>nformation <u>P</u>rocessing <u>S</u>tandards. If you do not know the FIPS number, FEMA will determine when entering the initial PW in NEMIS.
- (4) <u>DATE</u> The date the PW was prepared. Example: You type 3/6 and tab out, date automatically converts to March 6, 2007. Date should be updated for each PW revision (version).
- (5) <u>CATEGORY</u> FEMA uses (7) categories of work (A thru G) which identify type of facilities damaged. See PA Policy Digest #321, Page 15. (1) category allowed per PW, but you can have multiple sites on PW.
- (6) <u>DAMAGED FACILITY</u> Indicate name of facility. Indicate if multiple sites damaged.
- (7) WORK COMPLETE AS OF: Indicate percentage of <u>field work</u> completed as of a specific date. If you type 12/6 date becomes 12/06/07.
- (8) <u>APPLICANT</u> Legal name of Applicant shown in NEMIS or on "Request for Public Assistance" form.
- (9) <u>COUNTY</u> Name of the County where the damage is located.
- (10) <u>LOCATION</u> -_Physical address, or "intersection of_____", or "distance from _____", or 6 locations within the "City of _____".
- (11) (a b) LATITUDE& LONGITUDE Indicate in <u>decimals of a degree</u> (eg lat 32.16452, long -110.87564). If you have multiple damage sites list Lat/Longs in Damage Description.

(12) <u>DAMAGE DESCRIPTION AND DIMENSIONS – Be sure to include the following:</u>

- Describe the cause of the damage. Include the exact date (s) of the damage if known.
- Describe the disaster related damage to the facility or the emergency services/work performed.
- All damaged elements must be clearly defined in quantitative terms with physical dimensions (such as Length x width x depth) then convert to appropriate measurement (such as cubic yards, tons, etc).
- If not enough room in Damage Description area, type in "See Damage Description Continuation".

(13) SCOPE OF WORK – Be sure to include the following:

- Scope of work <u>must be consistent</u> with the damage description (repeat all quantity calculations).
- Scope should be listed in <u>Construction sequence order</u>, or in the order Emergency work has/will occur.
- Indicate who will be performing the work (such as Contractor, Force Account personnel/equipment).
- The intent of the initial PW is to identify the damage and the costs to repair to "pre-disaster" condition. If today's codes and standards do not allow replacement "in-kind", please note on the item of work.
- If not enough room in Scope of Work area, type in "See Scope of Work Continuation Sheet".
- Note any attachments to the PW (such as plans, sketches, photos, cost estimate spreadsheets, etc).

(14) <u>DOES THE SCOPE OF WORK CHANGE PRE-DISASTER CONDITIONS OF</u> THE SITE?

• If the scope of work changes the facility conditions prior to damage check yes, if not check no.

(15) SPECIAL CONSIDERATIONS INCLUDED?

• Check **yes** if any of the 9 questions on the <u>Special Consideration Sheet</u> are checked yes or unsure.

(16) HAZARD MITIGATION PROPOSAL INCLUDED?

• If the pre-disaster conditions at the site can be changed to prevent future damage and the Applicant would like to submit a Hazard Mitigation Proposal, check <u>yes</u> and attach the 406 Mitigation Form.

(See The Mitigation Section Of This Sop For Assistance)

(17) IS THERE INSURANCE COVERAGE ON THIS FACILITY?

- Check <u>yes</u> if any insurance funding can be received for the the Scope of Work repair.
- See Insurance Sample PW for the Town Of Kearny.
- (18) <u>ITEM</u> Indicate the item of work number (such as 1, 2, 3, etc) use cost continuation sheet if needed.
- (19) <u>CODE</u> The appropriate FEMA Cost Code to assist in developing the unit cost/price for each item of work as well as equipment rates per hour/mile. If no cost code is available, use 9999 (usually used for Lump Sum estimates). ADEM will have a <u>current</u> FEMA Cost Code/\$ rate listing for each disaster incident period.
- (20) <u>NARRATIVE</u> Indicate the work, material or service that best describes the work (such as Force Account Labor Overtime, Install 42" dia CMP, etc).
- (21) <u>QUANTITY/UNIT</u> List the amount of units and units of measure (such as 50/LF, 264/SF, 1/LS, 1/EA).
- (22) <u>UNIT PRICE</u> Indicate the price per unit (such as \$5.00) but <u>note</u>, do not type in the \$ sign nor the pennies if .00
- (23) <u>COST</u> This cost will be automatically filled in if you used a quantity and a unit price.
- **PREPARED BY** Generally list the ADEM PAC and the Applicant Representative who assisted on PW.
- (25) <u>TITLE</u> List the Job titles of (24) such as AZPAC / Pinal County Public Works.

FEMA SPECIAL CONSIDERATIONS FORM INSTRUCTIONS

				EDERAL EMERGENCY N PECIAL CONSIDERA			
1,	APPLICAN	IT'S NAME				2. FIPS NUMBER	3. DATE
	APPLIC	ANT NAME				APPLICANT'S ID #	DATE PREPARED
4.	PROJECT	NAME				LOCATION	
	PROJ	ECT NAME -	- ADEM PW REFE	ERENCE NUMBER		PROJECT LOCATION N	IAME
				Form must be filled ou	-		
1.			-			ildings, equipment, vehicles, et	•
	Yes	□ No	Unsure		•	", be sure to note you wi	II be or have asked
	for a c	opy of the p	oolicy and any set	ttlement documentation.	•		
2.	le the deep	and facility lay	antad within a flandala	is as assetal birth barred asse		innert en e fleudeleie en wette	42
۷.	☐ Yes	B No □	Unsure	Sin or coastal nigh nazard area Comments		impact on a floodplain or wetla	
	□ res	Пио	☐ onsure	Comments —	Cneck "yes" if	facility is in a 100 or 500	year floodplain.
	See	Floodplain	section of SOP to	determine flood frequer	ncy rate. Note th	nat a yes or unsure answ	er may "trigger" a
3.				ntal reviews; particularly	_	proposed. System Unit or an Otherwise Pro	otostad Area?
٥,	☐ Yes	□ No	Unsure	Comments			
	□ res	Пио	_ onsure	- Comments	Generally the	US Congress designates	CBRA's along the
		-	•			Fish & Wildife. A yes or	unsure answer may
_				w when entered into the	<u> </u>	· ·	
4.			-	- '		nt, material, location, capacity, i	-
	☐ Yes	□No	Unsure	Comments A	yes answer usu	ially means proposed Mi	tigation or current
	"cod	les and stan	ıdards" prohibit "	in-kind" repairs – explai	in here. If yes, a	an Environmental review	is required.
5.	Does the a	pplicant have a	a hazard mitigation pro	oposal or would the applicant l	like technical assist	ance for a hazard mitigation pro	oposal?
	☐ Yes	□No	Unsure	Comments If	yes, provide bri	ef explanation. See SOP	Mitigation section.
6.	Is the dama near the sit	aged facility on te?	the National Register	r of Historic Places or the state	e historic listing? Is	it older than 50 years? Are the	ere more, similar buildings
	☐ Yes	□ No	Unsure	Comments	lf yes, explain b	riefly. Yes will "trigger"	a Historical review.
7.	Are there a	ny pristine or u	undisturbed areas on,	or near, the project site? Are	there large tracts of	f forestland?	
	☐ Yes	□No	Unsure	Comments	Are streams/la	kes/endangered species	/National or State
	Parks	near Projec	t. If yes or unsur	e, the need for an Enviro	onmental or His	torical review will be "tri	ggered" in Nemis.
8.	Are there a	iny hazardous	materials at or adjace	ent to the damaged facility and	or item of work?		
	☐ Yes	□ No	Unsure	Comments	Any drums, oi	l tanks, propane cylinder	s, dumpsite, lead,
	Asbes	toes, PCB's	should be noted	. A yes or unsure will "f	trigger" a reviev	v by an Environmental S	pecialist.
				_		,	
9.	Are there a	ny other enviro	onmentally or controve	ersial issues associated with th	he damaged facility	and/or item of work?	
	☐ Yes	□ No	Unsure	Comments	If the project im	pacts air quality, or is ne	ar schools, daycare
	Center	rs, nursing l	homes, hospitals	answer yes. This will "f	trigger" an Envi	ronmental or Historical r	eview.



STATE OF ARIZONA

DIVISION OF EMERGENCY MANAGEMENT



RECOVERY SECTION

SECTION 8

FEMA PROJECT WORKSHEET PACKAGE EXAMPLE PW 271256

FEDERAL EMERGENCY MANAGEMENT AGENCY

PROJECT WORKSHEET

O.M.B. No. 3067-0151 Expires April 30, 2001

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 30 minutes. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing and submitting the forms. You are not required to respond to this collection of information unless a valid OMB control number is displayed in the upper right corner of the forms. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing the burden to: Information Collections Management, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, Paperwork Reduction Project (3067-0151). **NOTE:** Do not send your completed form to this address.

Paperv	vork Reduc	ction Project	(3067-0151). NOTE	: Do not send your con	npleted form to	this address.		
DECLA	RATION NO).	PROJECT NO.	FIPS NO.	DATE		CAT	EGORY
FEMA-	1660 -DF	R- <u>AZ</u>	271256	019-99019-00	Decem	ber 20, 2006	Α	
DAMAC	GED FACILIT	ΓY			WORK C	OMPLETE AS OF:		
Three	locations	of sedimer	nt aggradation within	Rillito River East	12/2	0/06 :		0 %
APPLIC	CANT	(09-330-2090)		COUNTY		- 13/MBs		
Pima	County (F	RFCD)		Pima County				
LOCAT	ION					LATITUDE		LONGITUDE
Rillito	River - 3	locations b	etween Campbell A	venue and Swan Roa	d	32.27891		-110.92566
Easte contrib 57,000 from s threat aggra SCOPE A Con 1. Mo sedim 2. Re provid 3. Dis 4. Ob	rn Pima Couted to see outed to see of country dation quase of work atractor will billize to the ent remove, load the for adect of the for adect of the country of the	ediment ag 23 acres in aggradation residential antity table. Il perform the site, instual work are d, and haulquate flow cemoved sec	ived 8" to 14" of more gradation and builds the three target are at these locations hand commercial profer each site, and phase following work to all temporary accesses. I approximately 57,0 capacity. diment in approved dermits, and implements.	nsoon rainfall during the pat various locations as identified on the at leas raised the 100-year operties during future notographs related to remove the sediment is ramps, clear/grub at 100 cy of sediment buildisposal locations.	s along the Rill tached maps. ar water line al flooding event the 3 sedimen buildup from the demove surildup areas wit	ito River, includ The reduced clong the Rillito Fs. See attach taggradation and the 2006 floodinface debris in the hin the Rillito R	ing aphanne River, ned loo reas. g: ne ider	proximately el capacity resulting constituting a cation maps, soil ntified Rillito River the 3 locations to
Does th	ne Scope of '	Work change	the pre-disaster conditio	ns at the site?	☐ Yes [No No		
Special	Considerati	ons issues inc	cluded?	Yes No H	azard Mitigation p	proposal included?		Yes 🛛 No
Is there	insurance c	overage on th	is facility?] Yes 🛛 No				
				PROJECT COST	1 20 10 10 10 10 10 10 10 10 10 10 10 10 10			
ITEM	CODE		NARRATI	/E	QUANTITY/	UNIT UNIT PR	RICE	COST
1	9999	Contracto	or cost estimate		1.00 / L	S \$725,9	20.	\$725,920.00
2	9999		ing and design cons	ultant	1.00 / L	1007		\$48,000.00
					1			\$0.00
					1			\$0.00
				M. 00 10 10 10 10 10 10 10 10 10 10 10 10	1			\$0.00
					1			\$0.00
					1			\$0.00
					1 ,			\$0.00
					1 ;			\$0.00
					1 ;			\$0.00
						TOTAL C	OST	\$773,920.00
PREDA	RED BV: D	Snider/ B	Brooks	Ттіті є	AZPACS	1020		V. 1 0,020.00

271256 Rillito River Sediment Removal Project - East Dec. 20, 2006

Description: Removal of sediment from 3 sites of significant deposition on the Rillito.

Site location #	Area in sq	Average	Amount in cubic	Comments
Site 1 total of 11.31 acres	493026	1.70	31,042.38	
Site 2a total of 7.1 acres	309480	1.00	11,462.22	
Site 2b total of 2.63 acres	114893	1.10	4,680.83	
Site 3 total of 2.44 acres	106163	2.50	9,829.91	

TOTAL

57,015.33 Cubic Yards

Description: Removal of sediment from 3 sites of significant deposition on the Rillito River

Item #	Item # Description	Unit	Quantity	uantity Unit Price Amount	Amount	Comments
2010011	2010011 Clearing and Grubbing	Acre	11	1800.00	\$19,800.00	Desert Broom & other vegetation remains within the sand bars.
2020001	Removal of Structures 2020001 and Obstructions	tons	30	1000.00	\$30,000.00	Removal of logs, broken concrete, pipes and other debris on the surface. 10 tons per site @ 3 sites.
203xxxx	Temporary ramp	C.Y.	2000	30.00	\$60,000.00	Temporary access ramp into channel for 2000C.Y. @ 1 site
203xxxx	Sediment Removal and disposal	C.Y.	57015	8.00	\$456,120.00	Removing sediment bars an estimated 57,015 C.Y. contribution from 2006 Monsoon.
5150001	Miscellaneous Utility 5150001 Relocations	F.A.	15000	1.00	\$15,000.00	Existing utilities and landscape irrigation lines that maybe impacted during construction. Average \$5,000 per site @ 3 sites.

7010005	7010005 Traffic Control	L.S.	1	15000.00	\$15,000.00	Traffic control for truck traffic onto streets and to protect pedestrian traffic, average \$5,000 per site @ 3 sites.
8100001	AZPDES/NPDES 8100001 (original)	L.S.	Н	15000.00	\$15,000.00	Sediment pollution prevention is a federal/state requirement, average \$5,000 per site @ 3 sites.
8100011	AZPDES/NPDES 8100011 (modified)	F.A.	15000	1.00	\$15,000.00	Field adjustment to sediment control, average \$5,000 per site @ 3 sites
9010001	9010001 Mobilization	L.S.	1	40000.00	\$40,000.00	Average \$10,000 per site @ 3 sites, plus general organization, scheduling and planning of equipment \$10,000
9300001	9300001 Incidental Items	F.A.	00009	1.00	\$60,000.00	Average \$20,000 per site at 3 sites

Total

\$725,920.00

Engineering & Design Consultant (6.6%)

Permits, construction layouts, location maps, \$48,000.00 and haul destinations.

CONSTRUCTION TOTAL

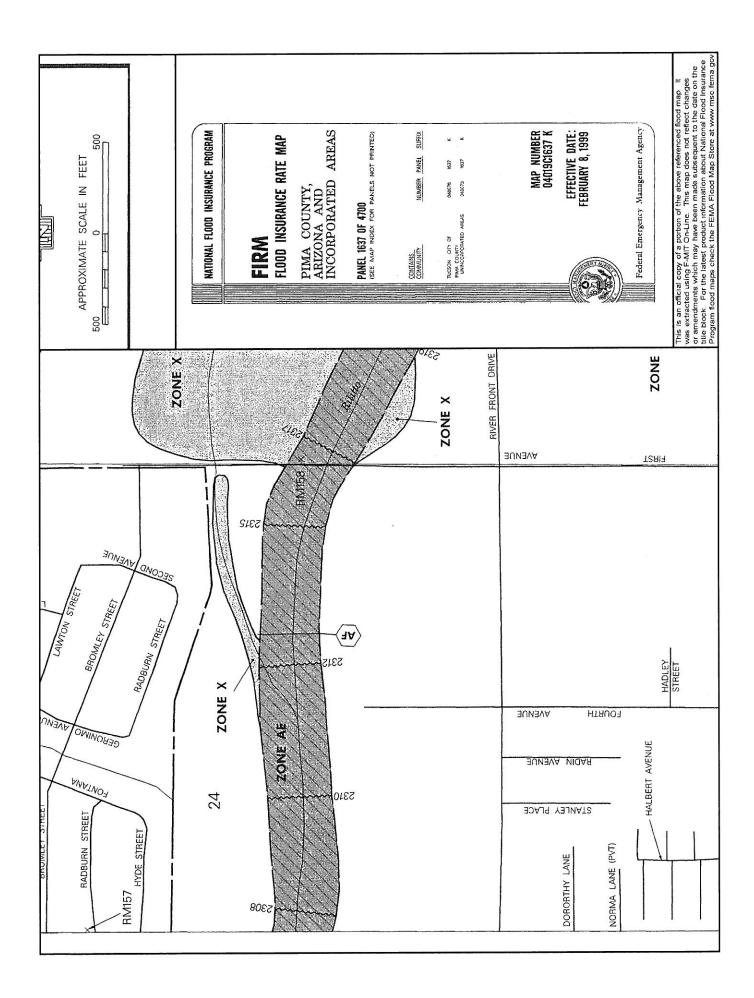
\$773,920.00

FEDERAL EMERGENCY MANAGEMENT AGENCY SPECIAL CONSIDERATIONS QUESTIONS									
1, APPLICANT'S NAME Pima County (RFCD)					1	2. FIPS NUMBER 019-99019-00	3. DATE 12/15/06		
PROJECT NAME Rillito River - Channel Sediment Removal - East (PW 271256)					1	LOCATION Rillito River - 3 locations of sediment aggradation			
	Form must be filled out—for each project.								
1.	Does the damaged facility or item of work have insurance and/or is it an insurable risk? (e.g., buildings, equipment, vehicles, etc.)								
	☐ Yes ☐ No ☐ Unsure Comments								
2.	Is the damaged facility located within a floodplain or coastal high hazard area, or does it have an impact on a floodplain or wetland?								
	Yes	☐ No	☐ Unsure	Comments	The Rillito River floo	dplain			
	2001 (20)	3113			ii ya				
3,	Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area?								
	☐ Yes	⊠ No	☐ Unsure	Comments					

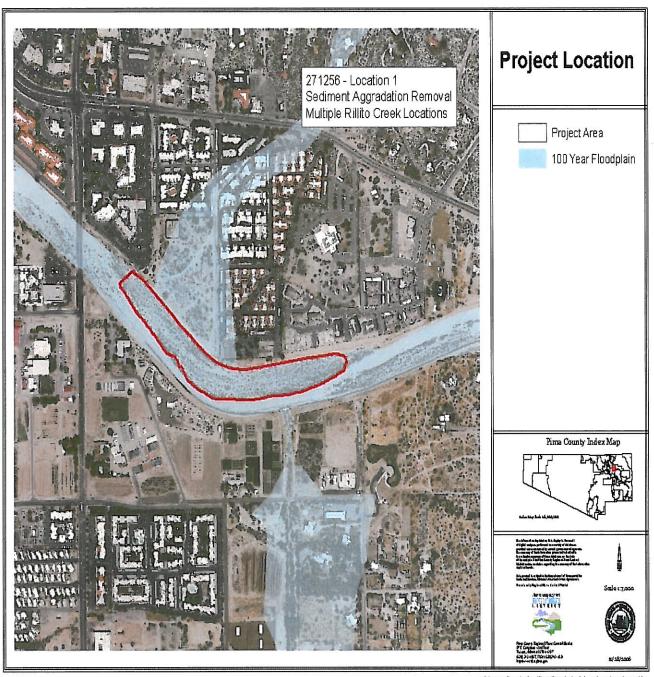
4.	Will the prop	Will the proposed facility repairs/reconstruction change the pre-disaster condition? (e.g., footprint, material, location, capacity, use or function)							
	☐ Yes	⊠ No	☐ Unsure	Comments					
	Service Control of the Control of th								
 Does the applicant have a hazard mitigation proposal or would the applicant like technical assistance for a hazard mitigation proposal? 							proposal?		
	☐ Yes	⊠ No	□ Unsure	Comments		•	•		
				=		WITE 10 1000010 - No. 20 1000000			
6.	Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings								
U.	near the site?								
	☐ Yes	⊠ No	☐ Unsure	Comments					
	: 								
7.	Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland?								
	☐ Yes	⊠ No	☐ Unsure	Comments					
				-		o teas			
	34 <u> </u>				3.00				
Are there any hazardous materials at or adjacent to the damaged facility and/or item of work?									
	☐ Yes	⊠ No	☐ Unsure	Comments					
				-					
9.	Are there an	v other enviro	onmentally or controvers	sial issues associated with t	the damaged facility a	and/or item of work?			
	☐ Yes	No ⊠ No	Unsure	Comments		in all necessary construction	on nermits		
	30				THE KECD WIII ODIA	in an necessary constituction	ni perinito.		

Scope of Work – Standard Comments (Check all that apply)

necess prior to	Codes and Standards: "The scope of work for this project includes the upgrades that are sary to meet specific requirements of the current codes and standards adopted by the applicant the disaster. The AZ PAC has verified that the cost for the upgrade to meet code or standard the criteria outlined in the FEMA Public Assistance Program."
X	Contract: "The AZ PAC has reviewed the applicant's contract records and verified that they are of reasonable cost, were competitively bid and comply with Federal, State and local procurement standards. Contract records are on file and available at the applicant's office."
	Equipment Costs (Force Account): "The AZ PAC has reviewed the applicant's equipment cost records and has verified that the rates for individual pieces of equipment are reasonable and eligible under the FEMA Public Assistance Program. This applicant used equipment rates that are equal to or less than the FEMA equipment rate. Equipment-cost records are on file at the applicant's office."
	Equipment Costs (Rental): "The AZ PAC has reviewed the applicant's equipment cost records and has verified that the rates for individual pieces of equipment are reasonable and eligible under the FEMA Public Assistance Program. Equipment-cost records are on file at the applicant's office."
	Federal Highways: "The AZ PAC has verified with(ADOT, FHWA or classification maps) that this/these road(s) is/are not part of the <i>Federal Aid Road System</i> ."
_X	Floodplain (Damage/Repair): "The project is located in the floodplain or wetland. The Reconnaissance/Review Report for Floodplain Management is included as part of the PW."
	Floodplain (Debris): "Debris was removed from the 100-year floodplain OR floodway and disposed in (note the specific location)."
	<i>Insurance (1):</i> "The applicant stated that they do not maintain insurance to cover damages to this facility, structure or vehicle."
	<i>Insurance (2):</i> "The applicant stated that damages to this facility, structure or vehicle are not covered under their insurance policy. A copy of the insurance policy is attached to this PW."
	Labor Costs: (Force Account): "The AZ PAC has reviewed the applicant's labor records and verified that labor rates for this type of work are eligible under the FEMA Public Assistance Program. Labor records are on file and available at the applicant's office."
	Lease Agreement: "According to the applicant, the repair of damages to this facility/structure is the responsibility of the applicant as stated in the lease agreement with the property owner. (Identify if the property owner is a state, federal, local agency or private property owner.) The AZ PAC has reviewed the terms of the agreement and has verified the costs. The agreement is on file at the applicant's office."
	Material Costs: "The AZ PAC has reviewed the applicant's material cost records and has verified that the unit costs for each material type are reasonable and eligible under the FEMA Public Assistance Program. Material-cost records are on file at the applicant's office."
	Mutual Aid Agreement: "Work conducted to accomplish tasks for this project scope was executed through a Mutual Aid Agreement. Costs associated with the work performed are consistent with the agreement. The AZ PAC has reviewed the terms of the agreement and has verified the costs. The Agreement is on file at the applicant's office."



Sample Project 271256 Information



ried 97-101/in any project addition/in major/weeks/revendences/171166_st and in

Photo Page 1 Disaster # 1660AZ-PW 271256

Applicant-Pima County Regional Flood Control District





